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**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<i>In re</i> Application of:	)	Confirmation No. 3383
	)	
Derek WOOLFSON et al.	)	Group Art Unit: 1654
	)	
Serial No. 10/526,367	)	Examiner: H. Khanna
	)	
Filed: March 3, 2005	)	Atty. Dkt. No. 000487.00037

For: *FIBER-SHAPING PEPTIDES CAPABLE OF INTERACTING WITH  
SELF-ASSEMBLING PEPTIDES*

**Response to Restriction Requirement**

U.S. Patent and Trademark Office  
Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA. 22314

Sir:

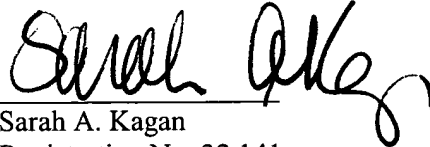
In response to the Office Action mailed November 1, 2006, Applicants elect for prosecution in this application Group I drawn to a fibre-shaping peptide comprising a hub and a plurality of peptide monomer units being attached at one end thereof the hub. This Group encompasses claims 1-15.

Applicants further elect with respect to species the fiber-shaping peptide referred to in claim 22, namely (NH<sub>3</sub>-KIRRLKQKNARLK( $\beta$ A)<sub>3</sub>)<sub>2</sub>-K.

Furthermore, it is submitted that the lack of unity objection should not have been raised as the prior art document, Hartgerink et al., (*Science*, 294,1684-1688, 2001) does not destroy the novelty of "the single general inventive concept." In particular, the structures disclosed in Hartgerink et al. do not comprise peptide monomer units capable of interacting with a subunit of a self-assembly peptide to form an overlapping staggered structure. In particular, it is noted that the structures disclosed in Hartgerink et al. only form a structure in the presence of a hydroxyapatite. Accordingly, and contrary to that indicated by the PTO, a fiber-shaping peptide capable of self-assembly is not disclosed in Hartgerink et al. It is also noted that Hartgerink et al. makes no mention of fiber-shaping and therefore cannot be seen to relate to fiber-shaping peptides as claimed in the present application.

It is believed that no fee is required. However, if a fee is deemed necessary, the Commissioner is authorized to charge Deposit Account 19-0733.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Sarah A. Kagan", written over a horizontal line.

Sarah A. Kagan  
Registration No. 32,141

Dated: December 1, 2006

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